

LA CANANEA IS WONDERFUL

WITHOUT DOUBT THE WONDER
OF THE SOUTHWEST.

Story of How American Capital and Enterprise Has Crossed the National Boundary and Wedded Nature's Resources.

Pluck is a purely American term. For a century standard dictionaries refused it shelter between their lids, but at last, the expression found recognition, and today it is the most potential word in the English language. Pluck, pure 24-karat pluck, led W. C. Greene and the promoters of the great Cananea district to cross the line, brave all the perils to which the "gringo" is exposed and bring the fabulous resources of Northern Sonora to the front. A little less than two years ago, after infinite perseverance, Mr. Greene succeeded in enlisting capital in the stupendous project of opening up, perhaps the mightiest mineral storehouse ever discovered.

Two years ago there was not enough development work in Cananea district to hide a mule and not enough of machinery to grind coffee for breakfast. Now, a mining field, approximately, four by seven miles in extent, owned by the Cananea Consolidated Copper company, is teeming with human activity.

Miles of development exists, a forest of smoke stacks, wheels and belts testify to the resistless conquest of American enterprise, and the shriek of the iron horse announces the invasion of American capital over the verdant plains of Sonora.

Luck was not an element in this phenomenal transformation, where men suddenly sprang from the quarter deck of a burro to the luxurious cushions of a palace car, it was simply the outcome of pluck and perseverance. When you enter Cananea you find the residence part of the camp, known as New Town, or the Mesa, delightfully situated on low-rolling verdant ridges, supplied with the best of water and free from smoke and dust. Traveling west along the principal street half a mile, you suddenly pitch down into Ronquillo, or the Old Town, which runs up to and includes the great smelter. Even then, the ground is not precipitous, as in Bisbee and Jerome, and the sanitary conditions are not so bad as might be expected in a dense mining camp. A mile further west is the bustling camp of Cheverata, and another mile west is the great producer, Capote No. 1. On the Capote group numbering from 1 to 10, the company has done most of their work. Ordinary ore bins are totally inadequate to hold and handle the ore which comes rolling out of the Capote through a score of tunnels, and the rich grey sulphurets are piled up in colossal dumps, the extent of which even an experienced eye cannot approximate. I had occasion to ask a miner from what property an immense waste dump some distance away belonged, to which he promptly and correctly replied, "Why that is one of the Capote ore dumps, and the whole shooting match will average 18 per cent." The extent of the ore deposit cannot be estimated. On several properties in that immediate locality, road grades or other improvements which invade the surface of the ground, lay bare immense bodies of high grade copper ore, and all developments up to the present day combine to impress one that it is the most colossal copper proposition ever discovered. The Greene company own the surface throughout the district. The Indiana, the Democrat, and other companies owning underground rights of limited character. The last named properties, however, carry the same wonderful measure of ore deposits, characteristic of the whole district.

The celebrated Cobre Grande, which was in litigation for years, now belongs to the Greene people and is chiefly valuable for its water supply. Less than a thousand feet of development justified the company in the erection of their magnificent reduction system. Their concentrator includes 44 tables, 22 of which were in operation when I visited the works. Their narrow gauge road which connects all mines with the reduction works, runs over the immense concentrator, which is one-fourth of a mile west of the smelter in the direction of the mines. The smelter with all its appurtenances, is perhaps the finest on the slope. Entering the works from the west, you are in the power house, where five ponderous dynamos account for the lighting of the camp and mills, besides the electric slag engines and many other sources of electric utility. Then the great double, compound 750 horse power engine looms up, which is simply kept in reserve in case of a break down among the other engines. Then four engines of 500 horse power each are putting in twenty-four hour shifts side by side, which a dozen smaller ones and are chuffing away incessantly adding to the blory and the output of the Cananea Consolidated.

Fifty feet below, at the foot of the 160 foot smoke stack, Major Wilson is in charge of several small engines and several blowers, whose duty it is to regulate the blast system. Then we enter the great smelter where the ore is reduced to matte, convey-

ed to the converters and converted into bullion while you wait. Five immense jumbo jackets are pouring forth the crude metal, while as many converters are employed in reducing it to bullion.

All this ponderous machinery including two great traveling cranes has been put into Cananea in the last eighteen months, and with the exception of the 750 horse power engine and one or two converters, it was all taken in on wagons, a most remarkable testimonial to the indefatigable enterprise of the management. As a pointer to the magnitude of these works, the proportions of the mine and the extent of its operations, I am authorized to state that last month the output of the works was 3,500,000 pounds of bar copper, and the capacity of the smelter is 6,000,000 pounds per month.

The company employs about 3,800 men, of whom perhaps 55 per cent are Mexicans, the remainder Americans and other foreigners. The surface improvements include the narrow gauge road from Ronquillo to Puerto Citos, which only lacks a couple of miles of completion. As must naturally be inferred the road is exceedingly steep as 4.75 per cent and the curves steep as 4.75 per cent and the curves running 45 degrees, with bridges 90 feet high. The grades, cuts, ties and other features are all adapted to a standard gauge, as regards width and all details of construction. The road connects the properties with the smelter and runs up into the timber belt on the Puerto Citos mountain. No one should fail to take a trip over the "Cananea Slim Gauge," when visiting the camp. As nearly as I could estimate it, the company has expended in the neighborhood of \$10,000,000 in and about Cananea, and after the most extensive and complete preparation have just begun to turn out the red metal.

I feel under special obligations to the management for the liberal courtesy shown me, while endeavoring to inform myself in regard to the great camp. Occasionally I would stumble onto a straw boss in eye glasses and corduroy, who was quite inaccessible and unapproachable, but the heads of the management, the old boys next to the throne, who have an excuse for being swelled up, were all courtesy, simplicity and cordiality. This was especially true of Mr. Scott White, George Mitchell, Mr. Burdard, Mr. McAllister and others.

No finer, practical, business personnel can be found in the annals of American business enterprise, than that disclosed by the existing management of the Cananea company. All are acquainted, not only with the extraordinary business capacity, but kindly simplicity of President W. C. Greene, who has risen from poverty and obscurity to the summit of financial distinction through sheer force of brains and grit. Every one in Cochise county knows Treasurer Scott White, and are proud to be among his multitude of friends, while the whole list are business men and gentlemen without a blemish. Besides, Mr. Greene, president, and Scott White, formerly secretary, now treasurer, the following named gentlemen stood smiling at their respective posts of duty: A. W. Burdard, vice president and comptroller, George Mitchell, manager, John Campbell, general auditor and secretary, Robert Mitchell, assistant general manager, James H. Kirk, superintendent, Chas. McHenry, assistant superintendent, J. W. Wilkey, pay master, P. J. Deheney, cashier of the general office, Oscar Rountree, store manager, I. M. McManus, cashier of El Banco de Cananea, F. W. Beecher, assistant cashier, Colonel Breathitt and Al Bernard, in charge of the land department, C. C. McAllister, head of the narrow gauge.

It is impossible to review the great camp in one brief communication, and with your indulgence, I shall renew he attempt in another issue of the Review. Frank Aley.

A Rush to South Africa.

A rush of emigrants from Australia to South Africa has set in and is worrying the authorities of the commonwealth of the southern seas. The Melbourne papers strongly deprecate the exodus, declaring that the emigrants are largely those whom Australia can best afford to lose—laborers, artisans, farm hands, etc. Applicants for permits to emigrate have to prove themselves possessed of a minimum of \$100. The requirement, together with the expense of the voyage, is an obstacle to the poor in purse, but adventurous in spirit, who usually flock to gold countries. The result is that ships from Australia are suffering from a plague of stowaways.—New York Tribune.

Novel Life Saving Apparatus.

If all that is claimed for the new life saving apparatus constructed by a Geneva citizen be true, we may expect that in the near future no wrecks, however disastrous, will have a fatal issue. The novel apparatus is constructed after the manner of a diving suit, of which the legs are weighted. It is rendered so buoyant with air chambers that half the body remains above water, and outside pockets are provided to hold a lamp, matches, food, a trumpet and a weapon to ward off the attacks of large fish.—Pall Mall Gazette.

SOCIETIES

WOODMEN OF THE WORLD
Warren Camp No. 9 meets Fourth Wednesday of each month. Opera House Hall. Visiting brothers cordially invited.

C. N. THOMAS, Financial.
C. C. CRANFORD, Counsellor Commander.

CARRIE REYMAN LODGE, N. 8.
DEGREE OF HONOR-A. O. U. W.

Meets in Library Hall 2nd and 4th Thursdays in each month. Visiting Brothers and Sisters cordially invited.

LEWIS HUNT, Recorder.
CATHERINE MURHEAD, Chief of Honor.

PERFECT ASHLAR LODGE No. 12.
F. & A. M. Meets first Thursday of each month. Visiting brethren cordially invited to attend.

J. L. BROWN, Secretary.
V. R. STILES, W. M.

BISBEE LODGE NO. 10, I. O. O. F.
Meets every Wednesday evening. Visiting brothers cordially invited to attend.

EMILY MARK, S.
WAS STANIS, Noble Grand.

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R. A. M. Regular Conventions third Tuesday in each month, 8:15 p. m. Visiting companions in good standing gladly received.

H. M. WOODS, H. P.
FRANK J. GRAY, Sec.

RATHBONE LODGE
No. 10. Knights of Pythias meets every Tuesday evenings in Library Hall. Visiting brothers cordially invited.

E. G. ORDE, C. C.
G. M. GINTER, KRS

IMPROVED ORDER OF RED MEN, COCHISE TRIBE No. 12.
Meets every Thursday evening at the Opera House Hall. Visiting brothers cordially invited.

John Munch, Sachem.
Chas. Cranford, Secy. & Order.
Dr. Edmundson, Medicine Man.

B. P. O. E.
Bisbee Lodge 671 meets First and Third Fridays of each month. Visiting Brothers cordially invited.

E. Marks, E. R.

THE FRATERNAL BROTHERHOOD—
Independence Lodge No. 53 meets every 1st and 3rd Wednesdays of the month. Visiting members are cordially invited.

MARY E. DAVIS, President.

QUEEN LODGE No. 6.
A. O. U. W.
Master Workman, Robt. H. Campbell.
Financial, A. W. Kindred.
Recorder, Lewis Hunt.

Meets each Saturday evening in Library hall. Visiting brothers cordially invited.

BISBEE LODGE, NO. 160
United Moderns, meets second and fourth Mondays, opera house hall.

F. D. WESTON, Chairman.
ADA B. WALL, Secretary.

NACO LODGE, NO. 20, A. O. U. W.
Naco, Arizona.
Master Workman, G. S. Crockett.
Financial, B. J. O'Reilly. Recorder, E. L. Kennedy. Meets each Wednesday evening in Madden's opera house. Visiting brothers cordially invited.

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NOTICE TO STOCKHOLDERS
Notice is hereby given that a special meeting of the stockholders of the El Paso & Southwestern Railroad company will be held on the 12th day of September, A. D. 1902, at the office of the Copper Queen Consolidated Mining company, Bisbee, Arizona, at the hour of 10 o'clock a. m., for the purpose of considering proposed amendments to the articles of incorporation of said company authorizing the construction of branch or lateral roads, and the transaction of such other business as may legally come before the meeting.

By order of the board of directors.
George Notman, Secretary.

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